



EXHAUST FANS

better AIRFLOW by DESIGN™



CDB & CDD DOWNBLAST FANS

- Suitable for roof or wall mount
- Backward inclined, non-overloading wheels
- Spun aluminum housing
- Weather resistant construction
- Blades & inlets fabricated from aluminum
- Available in single & three phase voltages
- Belt drive capacities to 17,650 cfm
- Direct drive capacities to 2,750 cfm

CDB BELT DRIVE DOWNBLAST FANS

FEATURES & BENEFITS

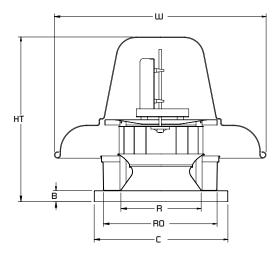
- Suitable for roof or wall mount (up to model CDB-24/2HP)
- · Backward inclined, non-overloading wheels
- Spun aluminum housing for weather resistant durability
- · Fully ventilated motor cooling compartment for long motor life
- Quick release latches for easy access to motor compartment
- Blades and inlets fabricated from aluminum
- Variable pitch motor pulley allows for field adjustment and system balancing
- High efficiency wheels and low tip speeds result in quiet operation
- Disconnect switch
- Bird screen
- Vibration isolation
- 110 F max. temperature rating
- Available in the following voltages:
 - o 115-208/230V 1 phase
 - o 208/230V 1 phase
 - o 208/230-460V 3 phase
 - o 575V 3 phase

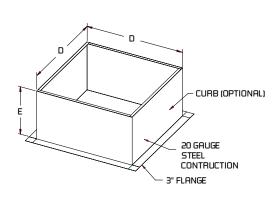


ACCESSORIES / OPTIONS

- Gravity damper
- Wall mount sleeve

- Motorized damper
- Roof curb





					DIME	NSIONS IN	INCHES*				
MODEL	НТ	W	В	С	D	Е	R	RO	WT (LBS)	DAMPER SQUARE	MANUFACTURE CODE
CDB-07	25.5	26.3	2	21.0	19.5	12	12.1	16	90	15.0	BDCR7
CDB-08	25.5	26.3	2	21.0	19.5	12	12.1	16	90	15.0	BDCR8
CDB-09	25.5	26.3	2	21.0	19.5	12	12.1	16	90	15.0	BDCR9
CDB-11	25.5	26.3	2	21.0	19.5	12	12.1	16	105	15.0	BDCR11
CDB-13	27.3	29.6	2	21.0	19.5	12	13.3	16	105	15.0	BDCR13
CDB-15	30.6	33.3	2	24.8	23.0	12	14.9	20	130	19.0	BDCR15
CDB-18	32.8	38.3	2	28.0	26.5	12	16.5	24	190	23.0	BDCR18
CDB-20	32.8	38.3	2	28.0	26.5	12	18.0	24	195	23.0	BDCR20
CDB-24	37.8	42.5	2	33.0	31.5	12	23.9	28	215	27.0	BDCR24
CDB-30	40.0	52.0	2	40.0	38.0	12	24.0	36	380	35.0	BDCR30
CDB-36	43.0	66.0	2	44.5	43.0	12	30.8	36	420	35.5	BDCR36

CDB BELT DRIVE DOWNBLAST FANS

				PE	RFORMANCE				
MODEL	RPM	MTR HP	0" S.P. CFM SONE / BHP	0.25" S.P. CFM SONE / BHP	0.50" S.P. CFM SONE / BHP	0.75" S.P. CFM SONE / BHP	1" S.P. CFM SONE / BHP	1.25" S.P. CFM SONE / BHP	1.50" S.P. CFM SONE / BHP
CDB-07-14	700	0.25	355 2.0 / 0.02						
CDB-07-14	900	0.25	455 4.3 / 0.04	300 2.9 / 0.05					
CDB-07-14	1100	0.25	560 6.4 / 0.08	434 5.5 / 0.08	265 5.3 / 0.08				
CDB-07-14	1300	0.25	660 6.8 / 0.13	556 6.8 / 0.13	440 6.5 / 0.13	256 6.2 / 0.12			
CDB-07-14	1500	0.25	760 11.1 / 0.19	673 11.0 / 0.20	577 10.8 / 0.20	468 10.2 / 0.20	295 9.0 / 0.18		
CDB-08-14	700	0.25	512 2.4 / 0.2						
CDB-08-14	900	0.25	655 5.0 / 0.05	483 4.5 / 0.06					
CDB-08-14	1100	0.25	800 7.3 / 0.09	670 7.1 / 0.10	500 6.4 / 0.10				
CDB-08-14	1300	0.25	945 9.8 / 0.14	841 9.5 / 0.15	712 8.8 / 0.17	544 8.5 / 0.16			
CDB-08-14	1500	0.25	1095 13.1 / 0.22	1002 12.9 / 0.23	900 12.9 / 0.25	775 12.4 / 0.25	628 11.3 / 0.25		
CDB-09-14	800	0.25	715 3.8 / 0.04	428 3.6 / 0.04					
CDB-09-14	1000	0.25	895 6.8 / 0.07	701 6.7 / 0.08					
CDB-09-14	1200	0.25	1075 9.3 / 0.12	928 9.1 / 0.13	717 9.1 / 0.14				
CDB-09-14	1400	0.25	1255 11.6 / 0.19	1136 11.5 / 0.21	984 11.3 / 0.22	771 9.9 / 0.22			
CDB-09-13	1600	0.33	1435 16.1 / 0.28	1332 15.7 / 0.30	1211 15.3 / 0.32	1057 14.7 / 0.33	870 13.8 / 0.32	585 13.0 / 0.30	
			705						
CDB-11-14	800	0.25	735 2.7 / 0.03 920	710					
CDB-11-14	1000	0.25	4.2 / 0.06	3.6 / 0.09	700				
CDB-11-14	1200	0.25	1105 6.7 / 0.10	965 6.0 / 0.15	728 5.4 / 0.16	700			
CDB-11-13	1400	0.33	1286 8.7 / 0.16	1212 8.8 / 0.20	986 8.2 / 0.25	788 6.6 / 0.26			
CDB-13-14	800	0.25	1298 5.7 / 0.08	1000 6.0 / 0.16					
CDB-13-14	900	0.25	1458 7.2 / 0.11	1207 6.4 / 0.13					
CDB-13-14	1000	0.25	1622 9.2 / 0.15	1394 8.5 / 0.18	1113 7.5 / 0.19				
CDB-13-14	1100	0.25	1781 11.4 / 0.20	1575 10.9 / 0.23	1356 10.0 / 0.25				
CDB-13-13	1200	0.33	1943 14.0 / 0.26	1762 13.8 / 0.30	1561 12.7 / 0.32	1288 12.0 / 0.32			
CDB-13-12	1300	0.50	2107 13.9 / 0.33	1932 13.9 / 0.36	1756 13.6 / 0.39	1553 11.6 0.40			
CDB-13-12	1400	0.50	2272 15.9 / 0.41	2108 15.0 / 0.44	1948 14.7 / 0.48	1769 13.9 / 0.50	1541 12.3 / 0.50		

CDB BELT DRIVE DOWNBLAST FANS

				PEI	RFORMANCE				
MODEL	RPM	MTR HP	0" S.P. CFM SONE / BHP	0.25" S.P. CFM SONE / BHP	0.50" S.P. CFM SONE / BHP	0.75" S.P. CFM SONE / BHP	1" S.P. CFM SONE / BHP	1.25" S.P. CFM SONE / BHP	1.50" S.P. CFM SONE / BHP
CDB-15-14	700	0.25	1807 5.0 / 0.10	1376 4.0 / 0.12					
CDB-15-14	800	0.25	2068 7.0 / 0.15	1708 6.1 / 0.18	1066 4.4 / 0.17				
CDB-15-13	900	0.33	2330 8.9 / 0.21	2017 8.1 / 0.24	1600 6.9 / 0.26				
CDB-15-13	1000	0.33	2586 10.7 / 0.29	2327 9.9 / 0.30	1995 9.1 / 0.35	1446 7.1 / 0.33			
CDB-15-12	1100	0.50	2844 10.9 / 0.38	2605 10.9 / 0.42	2321 10.8 / 0.45	1957 9.6 / 0.46	1155 9.3 / 0.39		
CDB-15-34	1200	0.75	3106 13.9 / 0.49	2886 13.8 / 0.53	2643 13.5 / 0.57	2343 12.8 / 0.59	1915 11.6 / 0.57		
CDB-18-14	600	0.25	2344	1905					
CDB-18-13	700	0.33	5.9 / 0.17 2739	5.0 / 0.20 2361	1830				
CDB-18-12	800	0.50	8.8 / 0.26 3138 11.6 / 0.39	7.8 / 0.30 2800 10.6 / 0.43	6.6 / 0.30 2445 9.5 / 0.46	1681 8.9 / 0.42			
CDB-18-34	900	0.75	3529 13.7 / 0.55	3235 12.9 / 0.60	2928 11.9 / 0.63	2559 10.9 / 0.64			
CDB-18-01	1000	1.00	3920 14.8 / 0.74	3661 14.8 / 0.79	3384 14.0 / 0.83	3086 12.8 / 0.86	2682 11.9 / 0.85		
CDB-20-14	500	0.25	2862	2094					
CDB-20-13	600	0.33	5.0 / 0.15 3444	3.7 / 0.17 2890					
CDB-20-12	700	0.50	7.5 / 0.25 4010	6.4 / 0.30 3592	2939				
CDB-20-34	800	0.75	10.5 / 0.39 4580	9.6 / 0.45 4229	8.1 / 0.47 3746	3049			
CDB-20-01	900	1.00	12.7 / 0.58 5156 15.5 / 0.81	11.9 / 0.65 4849 15.5 / 0.90	10.7 / 0.69 4476 14.7 / 0.95	8.9 / 0.68 3954 13.5 / 0.96	3224 11.3 / 0.92		
			3781	2437	14.1 7 0.00	10.07 0.00	11.07 0.02		
CDB-24-14	400	0.25	5.8 / 0.17	4.6 / 0.20	4000				
CDB-24-34	600	0.75	5687 12.0 / 0.56	5075 11.3 / 0.65	4002 9.4 / 0.65	5047	4004	2075	
CDB-24-02	800	2.00	7592 19.2 / 1.29	7141 19.2 / 1.40	6549 18.3 / 1.48	5847 17.5 / 1.52	4964 15.9 / 1.51	2975 16.1 / 1.26	
CDB-30-34	400	0.75	6553 7.1 / 0.51	5571 6.2 / 0.59	3674 5.0 / 0.53				
CDB-30-32	500	1.50	8186 11.3 / 0.95	7425 10.4 / 1.08	6454 9.1 / 1.11	4953 8.1 / 1.06			
CDB-30-02	600	2.00	9840 14.1 / 1.64	9212 14.2 / 1.81	8550 12.6 / 1.90	7701 11.2 / 1.93	6443 10.9 / 1.87		
CDB-30-03	700	3.00	11500 17.7 / 2.59	10944 17.6 / 2.79	10393 17.0 / 2.91	9841 15.8 / 3.00	9025 14.9 / 3.00	8054 13.9 / 3.00	6763 13.8 / 2.82
CDB-36-34	300	0.75	8790 5.9 / 0.50	6827 5.0 / 0.61					
CDB-36-32	400	1.50	11759 10.6 / 1.14	10441 9.6 / 1.34	8594 8.4 / 1.38				
CDB-36-03	500	3.00	14700 15.5 / 2.20	13686 14.7 / 2.47	12514 13.7 / 2.63	10971 12.4 / 2.66	7759 12.4 / 2.31		
CDB-36-05	600	5.00	17654 21.0 / 3.77	16771 21.0 / 4.08	15903 19.8 / 4.35	14859 18.8 / 4.50	13638 18.0 / 4.56	12000 17.9 / 4.47	

CDD DIRECT DRIVE DOWNBLAST FANS

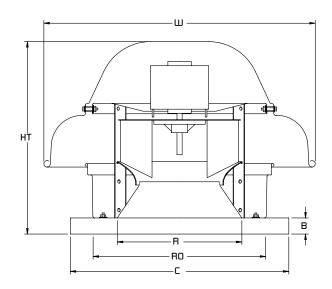
FEATURES & BENEFITS

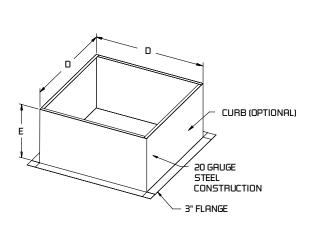
- Suitable for roof or wall mount
- · Backward inclined, non overloading wheels
- Spun aluminum housing for weather resistant durability
- Wire conduit provides protected channel for electrical connections
- Blades and inlets fabricated from aluminum
- Bird screen
- · Variable speed control
- 110 F max. temperature rating
- Available in 115V 1 phase



ACCESSORIES / OPTIONS

- Gravity damper
- Motorized damper
- Wall mount sleeve
- Roof curb





					DIME	NSIONS II	N INCHES*				
MODEL	НТ	W	В	С	D	Е	R	RO	WT (LBS)	DAMPER SQUARE	MANUFACTURE CODE
CDD-10	14.5	20.8	2	19.0	17.5	12	8.1	8.1	13	12	DR10H
CDD-12	16.3	23.8	2	19.0	17.5	12	10.6	10.6	13	12	DR12H
CDD-25	19.1	26.3	2	21.0	19.5	12	12.1	12.1	16	15	DR25H
CDD-30	19.1	26.3	2	21.0	19.5	12	12.1	12.1	16	15	DR30H
CDD-33	19.1	26.3	2	21.0	19.5	12	12.1	12.1	16	15	DR33H
CDD-50	21.8	29.8	2	21.0	19.5	12	13.3	13.3	16	15	DR50H
CDD-75	23.4	33.3	2	24.8	23.0	12	14.9	14.9	20	19	DR75H
CDD-85	23.4	33.3	2	24.8	23.0	12	14.9	14.9	20	19	DR85H

*DO NOT USE FOR CONSTRUCTION

CONSULT FACTORY FOR CERTIFIED PRINTS

CDD DIRECT DRIVE DOWNBLAST FANS

					PE	RFORMANO	E				
MODEL	RPM	MTR HP	0" S.P. CFM SONE/BHP	0.125" S.P. CFM SONE/BHP	0.25" S.P. CFM SONE/BHP	0.375" S.P. CFM SONE/BHP	0.50" S.P. CFM SONE/BHP	0.625" S.P. CFM SONE/BHP	0.75" S.P. CFM SONE/BHP	0.875" S.P. CFM SONE/BHP	1" S.P. CFM SONE/BHP
CDD-10	1000	0.07	338 3.1 / 0.02	259 3.1 / 0.02	166 3.1 / 0.02						
CDD-10	1100	0.07	371 3.7 / 0.02	300 3.7 / 0.02	226 3.7 / 0.02	111 3.7 / 0.02					
CDD-10	1200	0.07	405 4.4 / 0.03	339 4.4 / 0.03	275 4.4 / 0.03	188 4.4 / 0.03					
CDD-10	1300	0.07	439 5.2 / 0.04	378 5.2 / 0.04	319 5.2 / 0.04	250 5.2 / 0.04	155 5.2 / 0.04				
CDD-10	1400	0.07	473 6 / 0.05	416 6 / 0.05	361 6 / 0.05	303 6 / 0.05	227 6 / 0.05	122 6 / 0.05			
CDD-10	1500	0.07	507 7.2 / 0.06	453 7.2 / 0.06	402 7.2 / 0.06	351 7.2 / 0.06	288 7.2 / 0.06	211 7.2 / 0.06	89 7.2 / 0.06		
CDD-10	1600	0.07	541 8 / 0.07	490 8 / 0.07	442 8 / 0.07	394 8 / 0.07	342 8 / 0.07	275 8 / 0.07	197 8 / 0.07		

CDD-12	925	0.18	505 4.1 / 0.03	384 4.1 / 0.03	250 4.1 / 0.03	110 4.1 / 0.03					
CDD-12	1025	0.18	559 5.0 / 0.04	451 5.0 / 0.04	335 5.0 / 0.04	205 5.0 / 0.04					
CDD-12	1125	0.18	614 6.1 / 0.06	516 6.1 / 0.06	413 6.1 / 0.06	299 6.1 / 0.06	181 6.1 / 0.06				
CDD-12	1225	0.18	668 7.3 / 0.08	578 7.3 / 0.08	486 7.3 / 0.08	385 7.3 / 0.08	276 7.3 / 0.08	171 7.3 / 0.08			
CDD-12	1325	0.18	723 8.6 / 0.10	640 8.6 / 0.10	555 8.6 / 0.10	465 8.6 / 0.10	369 8.6 / 0.10	267 8.6 / 0.10	172 8.6 / 0.10		
CDD-12	1425	0.18	778 10.0 / 0.12	701 10.0 / 0.12	622 10.0 / 0.12	541 10.0 / 0.12	453 10.0 / 0.12	360 10.0 / 0.12	267 10.0 / 0.12	180 10.0 / 0.12	

CDD-25	775	0.25	620 2.8 / 0.07	522 2.8 / 0.07	375 2.8 / 0.07			
CDD-25	875	0.25	701 3.8 / 0.10	617 3.8 / 0.10	506 3.8 / 0.10			
CDD-25	975	0.25	781 4.9 / 0.14	706 4.9 / 0.14	618 4.9 / 0.14	495 4.9 / 0.14		
CDD-25	1075	0.25	861 5.8 / 0.19	793 5.8 / 0.19	719 5.8 / 0.19	624 5.8 / 0.19	491 5.8 / 0.19	

CDD-30	1100	0.25	911 6.3 / 0.07	838 6.3 / 0.07	756 6.3 / 0.07	656 6.3 / 0.07	532 6.3 / 0.07				
CDD-30	1200	0.25	994 7.4 / 0.09	927 7.4 / 0.09	854 7.4 / 0.09	771 7.4 / 0.09	672 7.4 / 0.09	543 7.4 / 0.09			
CDD-30	1300	0.25	1077 8.6 / 0.11	1015 8.6 / 0.11	950 8.6 / 0.11	880 8.6 / 0.11	793 8.6 / 0.11	698 8.6 / 0.11	568 8.6 / 0.11		,
CDD-30	1400	0.25	1160 10 / 0.14	1103 10 / 0.14	1044 10 / 0.14	979 10 / 0.14	907 10 / 0.14	824 10 / 0.14	733 10 / 0.14	606 10 / 0.14	
CDD-30	1500	0.25	1243 11.5 / 0.17	1190 11.5 / 0.17	1135 11.5 / 0.17	1076 11.5 / 0.17	1015 11.5 / 0.17	940 11.5 / 0.17	863 11.5 / 0.17	775 11.5 / 0.17	654 11.5 / 0.17
CDD-30	1600	0.25	1326 13.1 / 0.21	1276 13.1 / 0.21	1225 13.1 / 0.21	1171 13.1 / 0.21	1114 13.1 / 0.21	1053 13.1 / 0.21	980 13.1 / 0.21	906 13.1 / 0.21	824 13.1 / 0.21

CDD DIRECT DRIVE DOWNBLAST FANS

					PE	RFORMANC	E				
MODEL	RPM	MTR HP	0" S.P. CFM SONE/BHP	0.125" S.P. CFM SONE/BHP	0.25" S.P. CFM SONE/BHP	0.375" S.P. CFM SONE/BHP	0.50" S.P. CFM SONE/BHP	0.625" S.P. CFM SONE/BHP	0.75" S.P. CFM SONE/BHP	0.875" S.P. CFM SONE/BHP	1" S.P. CFM SONE/BHP
CDD-33	1100	0.33	859 6.3 / 0.09	783 6.3 / 0.09	715 6.3 / 0.09	635 6.3 / 0.09	535 6.3 / 0.09				
CDD-33	1200	0.33	938 7.5 / 0.12	868 7.5 / 0.12	803 7.5 / 0.12	739 7.5 / 0.12	657 7.5 / 0.12	555 7.5 / 0.12			
CDD-33	1300	0.33	1016 8.7 / 0.15	951 8.7 / 0.15	890 8.7 / 0.15	833 8.7 / 0.15	765 8.7 / 0.15	685 8.7 / 0.15	579 8.7 / 0.15		
CDD-33	1400	0.33	1094 10.1 / 0.19	1034 10.1 / 0.19	975 10.1 / 0.19	923 10.1 / 0.19	868 10.1 / 0.19	799 10.1 / 0.19	721 10.1 / 0.19	617 10.1 / 0.19	
CDD-33	1500	0.33	1172 11.6 / 0.23	1116 11.6 / 0.23	1060 11.6 / 0.23	1010 11.6 / 0.23	961 11.6 / 0.23	904 11.6 / 0.23	839 11.6 / 0.23	763 11.6 / 0.23	667 11.6 / 0.23
CDD-33	1600	0.33	1250 13.1 / 0.28	1198 13.1 / 0.28	1145 13.1 / 0.28	1097 13.1 / 0.28	1051 13.1 / 0.28	1004 13.1 / 0.28	945 13.1 / 0.28	884 13.1 / 0.28	812 13.1 / 0.28

CDD-50	1050	0.5	1631 8.4 / 0.13	1510 8.4 / 0.13	1375 8.4 / 0.13	1210 8.4 / 0.13	1015 8.4 / 0.13	791 8.4 / 0.13			
CDD-50	1150	0.5	1787 9.7 / 0.17	1677 9.7 / 0.17	1557 9.7 / 0.17	1426 9.7 / 0.17	1258 9.7 / 0.17	1074 9.7 / 0.17	866 9.7 / 0.17		
CDD-50	1250	0.5	1942 11.3 / 0.22	1841 11.3 / 0.22	1735 11.3 / 0.22	1618 11.3 / 0.22	1480 11.3 / 0.22	1323 11.3 / 0.22	1151 11.3 / 0.22	964 11.3 / 0.22	
CDD-50	1350	0.5	2097 13 / 0.27	2004 13 / 0.27	1909 13 / 0.27	1801 13 / 0.27	1693 13 / 0.27	1550 13 / 0.27	1402 13 / 0.27	1243 13 / 0.27	1079 13 / 0.27
CDD-50	1450	0.5	2253 14.8 / 0.34	2166 14.8 / 0.34	2078 14.8 / 0.34	1981 14.8 / 0.34	1880 14.8 / 0.34	1767 14.8 / 0.34	1635 14.8 / 0.34	1494 14.8 / 0.34	1346 14.8 / 0.34

CDD-75	775	0.75	1686 7.1 / 0.22	1532 7.1 / 0.22	1356 7.1 / 0.22	1141 7.1 / 0.22					
CDD-75	875	0.75	1904 8.8 / 0.31	1768 8.8 / 0.31	1617 8.8 / 0.31	1449 8.8 / 0.31	1248 8.8 / 0.31				
CDD-75	975	0.75	2121 10.6 / 0.43	2000 10.6 / 0.43	1870 10.6 / 0.43	1729 10.6 / 0.43	1569 10.6 / 0.43	1384 10.6 / 0.43	1086 10.6 / 0.43		
CDD-75	1075	0.75	2339 12.7 / 0.57	2230 12.7 / 0.57	2116 12.7 / 0.57	1989 12.7 / 0.57	1859 12.7 / 0.57	1709 12.7 / 0.57	1540 12.7 / 0.57	1294 12.7 / 0.57	
CDD-75	1175	0.75	2557 14.9 / 0.75	2457 14.9 / 0.75	2354 14.9 / 0.75	2243 14.9 / 0.75	2126 14.9 / 0.75	2001 14.9 / 0.75	1865 14.9 / 0.75	1712 14.9 / 0.75	1523 14.9 / 0.75

CDD-85	1150	0.75	2366 11.1 / 0.25	2251 11.1 / 0.25	2134 11.1 / 0.25	2003 11.1 / 0.25	1866 11.1 / 0.25	1703 11.1 / 0.25	1526 11.1 / 0.25	1331 11.1 / 0.25	1102 11.1 / 0.21
CDD-85	1250	0.75	2572 12.8 / 0.33	2467 12.8 / 0.33	2359 12.8 / 0.33	2244 12.8 / 0.33	2122 12.8 / 0.33	1987 12.8 / 0.33	1837 12.8 / 0.33	1674 12.8 / 0.33	1499 12.8 / 0.33
CDD-85	1350	0.75	2778 14.7 / 0.41	2681 14.7 / 0.41	2581 14.7 / 0.41	2480 14.7 / 0.41	2367 14.7 / 0.41	2254 14.7 / 0.41	2122 14.7 / 0.41	1984 14.7 / 0.41	1834 14.7 / 0.41

Industrial Fan Division

The Industrial Fan Division offers superbly crafted industrial fans and ventilators, expertly supported by a network of independent manufacturers' representatives.



Panel Fans

Centrifugal Fans

Flange Fans

In-line Fans

Roof Ventilators

Iris Dampers

OEM Fan Division

The OEM Fan Division works closely with original equipment manufacturers to meet their design requirements, offering in-stock fan components, 3D models and custom fan solutions.



Cabinet Cooling Fans



Motorized Axials



Motorized Impellers



Centrifugal Fans



Axial Impellers

Centrifugal Impellers

Wholesale Products Division

The Wholesale Products Division offers a superior line of in-stock commercial and residential ventilation products, available from wholesalers and distributors across North America.



Bathroom Fans



Air Purification Systems



In-Line Duct Fans



External Mount Fans



Radial Blade Blowers



Exhaust Fans

USA

www.continentalfan.com

Continental Fan Manufacturing Inc. 203 Eggert Road, Buffalo, NY 14215 Tel: (716) 842 0670 Fax: (716) 842 0611 Canada

www.aeroflo.com

Aeroflo Inc.

12-205 Matheson Blvd. E., Mississauga, ON L4Z 3E3 Tel: (905) 890 6192 Fax: (905) 890 6193

